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Poultry Science and Fur-Bearing Animals

STA/STA

October 1989

Volume 5, No. 4

Introduction

There are a number of items to cover because of the length of time since the last newsletter. In addition to spending 20% of my time as a team member of the Building Human Capital National Initiative, I am now spending another 20% of my time as a team member of the Water Quality National Initiative. One would think there are not many more 20%'s that can be allocated, and would be correct. These commitments have severely reduced the time available for the newsletter, so I have been attempting to compensate for this by just sending out mailings of statistical and other information which the poultry project leader or department chairperson should be making available to other specialists.

The consensus opinion of several specialists is that my priorities should be: 1) maintaining communications with and between specialists by coordinating various programs, and this newsletter; 2) staying involved in water quality and manure management issues as they effect the poultry system; 3) staying up to date and having an active involvement in the animal rights and animal welfare issues; and 4) other activities that promote the cooperation and effectiveness of Extension Service specialists and the poultry system. This position should exist for the benefit of the poultry system, so let me know your opinion of these priorities.

NOTE!! At the Poultry Science Association (PSA) meeting I promised several people I would send information to them. Unfortunately, I can not find the list of "to do's", so let me know if you still need the assistance.

PSA Award

As many of you know, I was awarded a Certificate of Appreciation by the PSA Board of Directors at the PSA Annual Meeting in Madison, WI. The purpose was to recognize work on several Extension committees and programs. I was so shocked (I also thought someone was setting me up for some sort of joke) that all I said was "thank you". I should have indicated the obvious, that the real recognition should go to the people working with me on the various programs and committees that have produced some valuable results for the poultry system. All I did was coordinate activities and assist in the preparation of reports. I do appreciate the honor, but it certainly would not have been possible if not for the ideas and efforts of a number of specialists.

Welcome

Pearl Johnson has recently been hired to assist the Agricultural Programs staff in mailings and other important duties. Pearl has been responsible for sending out much of the information you have received as committee members or as part of the specialist mailing list. She has been a tremendous help to me, and I want to recognize her efforts and to officially welcome her to the staff.

FAX Numbers

The 1990 PSA Resource Directory will include FAX numbers, but prior to that time I will publish a listing of these numbers. Send me your FAX number and any related information, and it will be included as a supplement to the next newsletter. This project will also help prepare for the changes in the 1990 PSA Resource List.

Animal Rights/
Animal Welfare

1) Current Situation

Some specialists do not understand the relevance of the animal rights/welfare issues to the poultry system, and believe that these issues will just go away. These issues will not go away, as can be seen by their importance in State legislatures throughout the country, the constant media exposure, and the efforts activists are making to educate youth in all areas of the country. Also recognize that this is not a short term situation, activists are prepared for a minimum twenty year battle for the control, drastic reduction, or elimination of our food animal production facilities.

Evidence indicates they are now attempting to shed their image of intimidation and violence. They now say that if an "incident is perceived to be violent, its safe to say that it in no way represents the animal rights movement". And, "Many of us are also convinced that opponents of animal rights have committed destructive acts under the guise of the ALF (Animal Liberation Front) and other up-for-grabs names..." (Bradley Miller of the Humane Farming Association, in Animals Agenda, September 1989, page 42.) This change in public relations tactics does not mention activists who have said, "I personally do not participate in violence or the destruction of property, but I can see why the slow pace of change would make some people participate in these activities"; or, the criminal charges brought against persons in leadership positions of the People for the Ethical Treatment of Animals (PETA) and the New England Anti-Vivisection Society (NEAVS), stemming from a demonstration at Federal facilities. Also, be certain to view the recruiting film "The Animals Film" the next time it is shown on your campus. For another view of this situation, contact the Council for Agricultural Science and Technology (CAST) for a copy of their NewsCAST summer issue (Volume 16, Number 3, Board of Directors Issue). Bill Marion wrote an interesting article, "Who Speaks for Science?". The address is as follows:

Animal Rights/
Animal Welfare
(Continued)

Council for Agricultural Science and Technology (CAST)
137 Lynn Avenue
Ames, IA 50010-7120
(515) 292-2125.

2) Animal Welfare Information Center (AWIC), National Agricultural Library (NAL)

The AWIC at the NAL is an important source of information for you on questions you may need to answer about animal welfare and animal rights. From April 1988 to June 1989, farm animal questions made up about 1/3 of the requests for information and the other 2/3 were biomedical in nature. Most questions came from State universities/veterinary schools or medical schools (50.6%); the U.S. Department of Agriculture (11.5%); agricultural industry organizations (7.8%); federal agencies other than USDA, and foreign governments or universities (both 5.5%); private citizens (4.9%); State or local governments (3.9%); DVM's, law firms, college students, humane/rights organizations (all 1.7%); and farmers, military, and legislators (1.1%); or free lance writers (0.5%). If you need assistance contact personnel at AWIC:

Animal Welfare Information Center
National Agricultural Library
10301 Baltimore Blvd, Room 304
Beltsville, MD 20705
(301) 344-3704

3) Poultry System Involvement

Remember that a single letter to your State or National legislators, or agency heads has a tremendous impact on their attitude regarding the animal rights/animal welfare issues. A single well thought-out and rational letter that includes documented facts from a farmer or researcher has as much or even more value than the thousands of form letters from animal activists. Agency Directors or Congresspersons often get zero letters from farmers or farm supporters on controversial issues, but thousands from activists.

ARPAS

American Registry of Professional Animal Scientists

The membership application to ARPAS was sent to project leaders in the last mailing. The importance of joining this organization is strictly personal in nature, but if you have any inclinations toward joining, you should know that after the first of the year certification will be based on an exam. While I agree with others that the Ph.D. certification was based on a committee of professionals regarding an individual's expertise, and after that the establishment of professional judgment and credibility should come on a daily basis from interaction within the poultry system, there appear to be some advantages to becoming a member of ARPAS. In today's world, the Professional Animal Scientist (PAS)

ARPAS
(Continued)

designation gives additional credibility to a person when they interact with members of the press or others on various controversial issues. Also, it's important to show a united front by working together on various issues and promoting the profession of Animal Scientist. I have recently become a member, and I am willing to write a letter for your application, and one of the required ARPAS member letters. An application is enclosed to those other project leaders.

Enclosures

- 1) Fur Farming in North America
To project leaders or department chairpersons. A four page bulletin explaining the fur ranching business. Available from:

Fur Farm Animal Welfare Coalition
405 Sibley Street
St. Paul, MN 55101
(612) 293-0349
- 2) Extension Service Financing; Direct Charging: Effects on Farmers and Agricultural Industry
To project leaders. A copy should be available from your State Extension Director's office.
- 3) Pesticide Concern Survey
To project leaders. The survey was conducted at the 1989 NACAA meeting, and was filled out by 360 county agents.
- 4) Telephone Contacts - Bureau of the Census.
To project leaders.
- 5) Telephone Contacts - Economic Information
To project leaders. A current listing of economists and statisticians in the Economic Research Service (ERS) and the National Agricultural Statistical Service (NASS). From FARMLINE magazine, November, 1988 issue.
- 6) They Pay Taxes
by Lloyd H. Davis, from the Extension Service Review, November, 1966. This article was also quoted in the September 15, 1989 issue of "Current Developments", the newsletter from the administrator of Extension.
- 7) Current List of Quick Bibliographies
To project leaders. A current listing of bibliographies available from:

National Agricultural Library
10301 Baltimore Blvd
Beltsville, MD 20705
(301) 344-3704

Enclosures
(Continued)

- 8) Order Form for Publications Available from the Poultry Division, AMS, August 1989. The revised POULTRY GRADING MANUAL (AH-31) is off the press and available for distribution.

- 9) USDA/APHIS Warning to the Rabbit Industry about Viral Hemorrhagic Disease

To project leaders. Others can obtain a free fact sheet on VHD by writing:

Viral Hemorrhagic Disease of Rabbits
USDA-APHIS
Room G-110, Federal Center Building
Hyattsville, MD 20782

Or by calling the following:

Marlene Stinson (301) 436-7255
Jim Greene (202) 447-4026.

- 10) The Protection of Farm Animals, 1979-April 1989
To project leaders. Bibliographies and Literature of Agriculture Number 88.

- 11) Miscellaneous Statistical Information
To project leaders.

Information Available

- 1) The Truth About Veal
A consumer education brochure from:

National Live Stock and Meat Board
444 North Michigan Ave
Chicago, IL 60611
(312) 467-5520

This may provide ideas for educational material for poultry or poultry products.

- 2) New Bibliographies from the National Agricultural Library
Address as listed above.

- A) By Charles N. Bebee

- 1) The Protection of Farm Animals, 1979-April 1989
Bibliographies and Literature of Agriculture Number 88.

- 2) The Protection of Wildlife, January 1979-April 1989
Bibliographies and Literature of Agriculture Number 86.

- 3) Vertebrate Pest Control, January 1979-1989
Bibliographies and Literature of Agriculture Number 85.

- B) By Kevin Engler, Animal Welfare Information Center

Information
Available
(Continued)

- 1) Audio-Visuals Relating to Animal Care, Use, and Welfare
- 2) Reference Materials for Non-Affiliated Members of Animal Care and Use Committees
NAL SRB 89-08.

C) By Karen Clingerman

- Laboratory Animal Facilities and Management, January 1979-March 1989
NAL-BIBL. QB 89-66

D) By Jayne T. MacLean

- 1) Poultry Wastes: Uses and Management, January 1979-January 1989
NAL BIBL. QB 89-46, Updates QB 88-26.
- 2) Nonpoint Source Pollution, January 1984-March 1989
NAL BIBL. QB 89-77, Updates QB 89-02.

E) Other Quick Bibliographies

- 1) Aflatoxin Contamination, January 1984-March 1989
NAL-BIBL. QB 89-62; by Rebeccca Thompson.
- 2) Food Service: Printed Materials and Audio visuals, January 1985-March 1989
NAL-BIBL. QB 89-72.

F) Surplus State Publications

As referenced in the NAL Information Notes, Vol. 15, Number 8, August 1989. These are State Extension Service, Experiment Station, or Department of Agriculture publications. Contact:

Pamela Waterworth
USDA/APHIS
BARC-EAST, Bldg. 320
Beltsville, MD 20705
(301) 344-3141

3) Critical Reviews in Poultry Biology
Available from:

CRC Press Inc.
2000 Cooperate Blvd., N.W.
Boca Raton, FL 33431

Information Available
(Continued)

- 4) New Developments in Biotechnology, U.S. Investment in Biotechnology
Special Report OTA-BA-360, July 1988. From U.S. Government Printing Office, Washington, DC 20402-9325; or, I have a few copies left that can be sent to you.
- 5) Our Farmers Care
A consumer educational booklet, available from:

Wisconsin Agri-business Foundation
1400 East Washington Avenue
Madison, WI 53703-3041
(608) 255-7978
- 6) Commercial Rabbit Production Management Calendar and Management Calendar Wheel
Available from:

Ray McKinnie:
Animal Science Department
North Carolina A&T State University
P.O. Box 21928
Greensboro, NC 27420
(919) 379-7357
- 7) Chick Embryo Biology Information System (CEBIS)
This 200+ page bibliography was prepared by:

John Bowen, Associate Dean for Research and Graduate Affairs
College of Veterinary Medicine
The University of Georgia
Athens, GA 30602
(404)542-5734
- 8) The Animal Rights Reporter has recently introduced two new publications A) The Animal Care Committee Reporter, and B) Animal Welfare Regulatory Review. Both publications may be obtained by contacting:

Marlo Falcon
Perceptions Press
4200 Wisconsin Ave. N.W., Suite 106/345
Washington, DC 20016
(202)331-3360
- 9) A) Hunting Preserves for Sport or Profit, by Ed Kosicky; B) Directory of Hunting Resorts; C) Wildlife Harvest Game Cookbook. Contact John Mullin for more information about material available from:

The North American Gamebird Association, Inc.
Wildlife Harvest
P.O. Box 96
Goose Lake, IA 52750
(319) 242-3046

Information
Available
(Continued)

- 10) Healthy, Productive Management Practices of the U.S. Egg Industry
A consumer education brochure is available from:

The United Egg Producers
3951 Snapfinger Parkway, Suite 580
Decatur, GA 30035
(404) 288-6700
- 11) Two research project reports are available from the Southeastern Poultry and Egg Association, 1456 Church Street, Decatur, GA 30030; (404)377-6465. A) Reducing Broiler Salmonella by Incorporating Milk Products and Probiotic in the Withdrawl Feed, by E. Moran and S. Bilgili, Auburn; B) Evaluation of Electronic Ammonia Sensors for Poultry Housing, by C. Ross, Georgia Tech.
- 12) State Statistics
To obtain a copy, contact the authors as listed in your PSA Resource List.

A) Summary of the 1989 Poultry Survey
By C. Strong and H. Wildey, Extension Poultry Science Department, University of Georgia.

B) 1988 Arkansas Poultry Production
By L. Lankford.
- 13) The National Research Council Committee of the National Academy of Sciences has released a Diet and Health Report, the Executive Summary of which is available from:

Food and Nutrition Board
2101 Constitution Avenue, N.W.
Washington, DC 20418

The complete volume, Diet and Health - Implications for Reducing Chronic Disease Risk, is available from:

The National Academy Press
2101 Constitution Avenue N.W.
Washington, DC 20418
- 14) Abstract of the Proceedings of the National Poultry Waste Management Symposium
Held April 18-19, in Columbus, OH. Jim Rock (CT) has abstracted papers from the General Session and the Poultry Production Sessions of this conference. To obtain a copy, contact Jim, as listed in your directory.

Information
Available
(Continued)

- 15) Tips for Washing Commercial Eggs
This 12 page booklet was prepared by members of the Mid-Atlantic Cooperative Extension Poultry Health and Management Unit (MACE). Companies or other States may obtain a copy from George Chaloupka (DE) as listed in your PSA Resource List, and are encouraged to participate in any reprint orders.
- 16) What You Should Know About Handling and Cooking Eggs
A tri-fold bulletin which discusses Salmonella enteritidis, has been published by the Virginia Dept. of Agriculture and their commercial egg industry, and has been promoted cooperatively by all State, university and industry groups in Virginia. To obtain a copy, contact Paul Ruzsler as listed in your directory. Or you may contact:

Richard L. Moyers
VPF
P.O. Box 552
Harrisburg, VA 22801
(703) 433-2451
- 17) Federal Funding Sources Available to Local Governments for Rural Areas
Rural information Center Publication Series, No.4, revised August, 1989. Contains information on rural clean water programs, and farm operating loans, To obtain a copy, contact the author, Louise Reynnells, at:

Rural Information Center
National Agricultural Library, 3rd floor
10301 Baltimore Blvd.
Beltsville, MD 20705;
(301) 344-3704
- 18) Directory for Small-Scale Agriculture
This listing of nearly 500 persons may be obtained by writing:

The Directory for Small Scale Agriculture
Superintendent of Documents/Stock Number 001-000-04539-3
U.S. Government Printing Office
North Capitol Street N.W.
Washington, DC 20402

Or order by telephone:
(202) 783-3238
The price is \$5.00.
- 19) The Communicator's Handbook: Techniques and Technology
This 26 chapter, 300 page book was prepared by the Agricultural Communicators in Education (ACE) members. Send \$23.95 to:

Information
Available
(Continued)

Maupin House Publishing
P.O. Box 90148
Gainesville, FL 32607

20) National Poultry Improvement Plan (NPIP)

NPIP publications are now available. The NPIP and Auxiliary Provisions (APHIS 91-40); NPIP 1989 Directory of Participants Handling Egg-Type and Meat Type Chickens and Turkeys (APHIS 91-41); NPIP Directory of Participants Handling Waterfowl, Exhibition Poultry, and Game Birds (APHIS 91-42); NPIP Tables on Hatchery and Flock Participation 1986-1987 and 1987-1988 (APHIS 91-43) may be ordered from:

Irv (Pete) Peterson
USDA/APHIS/VS
Room 848-FCB
6505 Belcrest Road
Hyattsville, MD 20782
(301) 436-7768

21) Software Catalog

The Northeast Regional Agricultural Engineering Service has available a software catalog that covers many aspects of farm management. New listings are Layer, Broiler, and Farm Nutrient Management Programs. They also have Egg Production Projections, Henmaster, and Diet Formulation programs. To obtain a copy, contact:

NRAES
Cooperative Extension
152 Riley-Robb Hall
Ithaca, NY 14853
(607) 255-7654

22) Agriculture at Risk: A Report to the Nation

The report is a summary of discussions held at the conference "Agricultural Occupational and Environmental Health: Policy Strategies for the Future", held in September, 1988. Technical reports from this conference will be published in the American Journal of Industrial Medicine. For a copy of this report, contact:

Conference Secretariat
Institute of Agricultural Medicine and Occupational Health
The University of Iowa
124 AMRF, Oakdale Campus
Iowa City, Iowa 52242

23) The U.S. Feed Manufacturing Industry, 1984

By Mark Ash et al., Economic Research Service Statistical Bulletin Number 768, published in December 1988, is available from:

Information
Available
(Continued)

The ERS, National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161
(703) 487-4650

- 24) Groundwater Contamination and Federal Farm Policies: A Workshop Series
Panels composed of Members of Congress, farmers, economists, scientists and industry representatives explained the importance of shaping the next farm bill to include groundwater protection issues. To order transcripts (\$15/each, of four workshops), or for more information, contact:
- Environmental and Energy Study Institute
122 C Street, NW
Suite 700
P.O. Box T
Washington, DC 20001
(202) 628-1400
- 25) Understanding Nitrogen and Agricultural Chemicals in the Environment, (AG-BU-3166, 1987)
By Greg Buzicky et al., is available from:
The Minnesota Extension Service
University of Minnesota
St. Paul, MN 55108.
- 26) World's Poultry Science Review Articles
Don Bell (CA) has prepared a list of 131 review-type articles. Contact Don, as listed in your directory, for a copy. Don has also prepared A) a listing of Western Poultry Disease Conference papers through 1989, and includes the 150+ papers delivered in 1988 and 1989; and B) a complete listing of the approximately 275 publications, speeches, articles, miscellaneous, etc. they have in their distribution files.
- Meetings
- 1) Southern Extension Water Training Workshops: Actions for Working Together
To be held November 13-15, 1989, at the Radisson Hotel Central in Birmingham, AL. This is an Extension Training Workshop intended for staff in all four program areas with current or potential water program responsibility. This is a joint training effort for Soil Conservation Service and ES personnel. Topics include: Role of Public Policy in Water Quality Protection, a Resource Fair, Understanding the Nature of the Water Resource, Water Supply and Waste Management, and a Priority Issues Report. Contact your Extension Administrator for details on attending. The \$75.00 registration fee should be sent to:

Meetings
(Continued)

Southern Rural Development Center
P.O. Box 5446
Mississippi State, MS 39762

If outside the region, contact H. Doss Brodnax at the SRDC to determine if proceedings will be available for sale.

- 2) Management Skills for Warehouse Supervisors
This hands-on seminar for supervisors is scheduled for November 28-29, 1989, in Norfolk, VA; and for December 6-7, 1989, in Arlington, VA. For more information, contact:
- Zizi C. Sipi, Program Manager
Center for Professional Development, College of Business
James Madison University
Harrisburg, VA 22807
(703) 568-6059
- FAX (703) 568-3587
- 3) Southeastern Poultry & Egg Association Seminars
For more information contact:
- SEPA
1456 Church Street
Decatur, GA 300030
(404) 377-6465
- A. 1989 Grain Forecast and Economic Outlook Seminar
Will be held in November 9 at the Ramada Renaissance Airport Hotel in Atlanta, GA.
- B. Egg Processing Seminar
Will be held October 25 and 26, 1989, at the Hilton Hotel (downtown), Atlanta, GA.
- C. 1989 Poultry By-Products Seminar
Will be held October 21-22, at the Hilton Hotel (downtown), Atlanta, GA.
- 4) Salmonella - Risk/Benefits, Welfare Issues, and Training Aids
The Fourth Regional Meeting of the Mid-Atlantic Cooperative Extension Service Poultry Health and Management Unit. The meeting will be held on December 11, 1989 at the University of Delaware, Newark, DE. To register, or for more information contact:
- Dan Palmer
Research and Education Center
P.O. Box 48, RD #2
Georgetown, DE 19947
(302) 856-7303

Meetings
(Continued)

- 5) Florida Poultry Institute
Will be held October 10-11, 1989, at the Holiday
Inn-University Center in Gainesville, FL (904) 376-1661. For
more information, contact:

Poultry Institute
Office Conferences IFAS 0551
University of Florida
Gainesville, FL 32611

Or, telephone Don Sloan, as listed in your directory.

- 6) 1989 Food Processing Waste Conference and Exhibition
Will be held November 6-8, at the Omni Center, in Atlanta,
Georgia. This meeting is presented by the Georgia Tech
Research Institute. The course fee is \$250.00 (\$275.00
on-site). For more information or to register, contact:

Education Extension-R
Georgia Institute of Technology
Atlanta, Georgia 30332-0385
(404) 894-2400, or (800) 325-5007.

Changes

- 1) The new telephone number of the American Egg Board is
(708) 296-7043.
- 2) Washington
Telephone number changes for WSU personnel are: Wyatt
(206) 840-4579; Dhillon (206) 840-4536; Andrews
(206) 840-4544; Zimmerman (206) 840-4515.
- 3) Bob Spiller
Bob has joined the Poultry section at Cal Poly, San Luis
Obispo, California. He was previously employed as General
Manager of Sun Valley Farms, in California. Bob obtained his
B.S. and M.S. degrees from Cal Poly-SLO, and the Ph.D. in
poultry nutrition at Oregon State University. Bob is listed
in the current PSA Resource List.
- 4) Alabama
- A) John Blake has joined the faculty at Auburn. John will
have responsibilities in the general management of
poultry, and has interest in various aspects of waste
management. John earned his B.S. from Pennsylvania State,
the M.S. degree from the University of Maine, and the
Ph.D. in nutrition from Virginia Polytechnic Institute and
State University (VPI&SU). John's telephone number is
(205) 844-4133.
- B) Delete G.R.Siragusa, and add D. E. Conner, at the same
telephone number and area of expertise.

Changes
(Continued)

- 5) Andy Rhorer, formerly with the Indiana State Poultry Federation, has recently joined the staff of the NPIP. Andy will be assisting, Pete Peterson, and can be reached at:

USDA/AHIS-VS
Federal Center Building
6505 Belcrest Road
Hyattsville, MD 20782
(301) 436-7768.

- 6) U.S. Food and Drug Administration.
James F. McCormick has asked to be placed in the PSA Directory as a poultry contact at the FDA. His address is as follows:

FDA/CVM/HFV-128
5600 Fishers Lane
Rockville, MD 20857

- 7) South Dakota.
Due to an oversight, the listing for South Dakota was not included in the PSA Resource List. The information should be: Animal Science Complex, South Dakota State University, Brookings, SD 57007; Philip E. Plumart (Emeritus), (605) 688-5165, primary area of expertise: poultry management; other areas of interest: computers. C. Wendell Carlson (Emeritus), (605) 688-5165, primary area of expertise: nutrition; other areas of interest: poultry management. My apologies to Phil & Wendell. Also note that Wendell is filling in for Paul Waibel at the University of Minnesota while Paul is on leave in Scotland.

Ideas

- 1) Here is more proof that you can't keep a good Extension Specialist down, even by "retirement". John Bezpa (NJ) was cleaning out his office and came across the enclosed photo's. He developed this card index as a reference on some of the most common diseases where he needed some quick answers to a phone inquiry. The basic facts were on the front, and the recommendations on the reverse side. It worked quite well and made him look knowledgeable!! The principle could be easily adapted to other areas where you need fast access to information.
- 2) Also, this reminder from John. It may be better to attempt to channel large and medium eggs into the retail markets, and jumbo and extra large into the breaker markets. Advantages of this approach are that the size of an egg often determines the shell quality, percentage of cracked eggs, and affects the consumer's ability to serve it as a deviled egg, or other boiled egg dish. Consumption may be encouraged if the consumer found it easier to achieve a higher quality boiled egg product by using the smaller sizes of eggs. Also, the larger the egg the higher the cholesterol content of the egg, which is a marketing point for selling smaller sizes of eggs.

Ideas
(Continued)

to consumers concern about their cholesterol level. Another consideration is the cost of producing a large versus an extra large or jumbo egg, compared to the spread in value of these different sizes.

Miscellaneous

The County Agent illustration by Norman Rockwell was used to produce a set of two plates, which celebrates the 75th Anniversary of the Cooperative Extension Services. For more information, contact:

Webster Fine Arts, Ltd.
1823 Elmdale
Glenview, Illinois 60025.

Success Stories

1) Tennessee

The University of Tennessee recently completed a Junior High 4-H Academic Conference, Looking to the Future. The three day program was attended by 160 students, 10 4-H CEA, 5 volunteer leaders, and 4 Senior 4-H'ers who served on the State 4-H Council.

The significant aspect of this soft-sell recruiting program is that the targeted students were District winners, who had finished the 7th, 8th, or 9th grades. This is regarded as the optimum time to initiate recruiting programs. At this time it is possible to plant the seed of an agricultural sciences career as a viable option--before misinformation by others precludes this possibility.

Because the program is intended to not be overbearing, plenty of time is afforded for social functions such as a picnic, tour of the new library and campus, get acquainted party , dance, banquet, and a trip to "Dollywood". Project workshop sessions helped the students explore career opportunities in their interest area.

The conference is a cooperative effort involving the University of Tennessee Agricultural Extension Service, College of Agriculture, Agricultural Experiment Station, and College of Veterinary Medicine. The program is sponsored by a three year (\$15,000/year) grant from the Tennessee Farmers Cooperative. For more information, contact Steve Sutton or Ben Powell, as listed in your PSA Resource List.

2) California

A very successful Career Faire was held at the 4-H State leadership Conference at UC Davis on August 7, 1989, from 2-4 pm. Part of the program dealt with an innovative game, in which the 4-H'ers collected points on a score card, based on interactions with hosts at the various meetings or department tours. The level needed to obtain a prize was 100 points, and the maximum of 500 points earned their choice of the twelve prizes.

Success Stories
(Continued)

To enter the meeting area, students passed through a maze on which were attached messages about careers and opportunities. Fortune cookies also included career messages. The meeting hall had displays by the various departments at the University of California-Davis. There were 1409 contacts; 1004 were 5 minutes or longer, with some over 30 minutes. For a copy of the complete report, contact:

Ralph Gay, 4-H/Farm Advisor
University of California
Cooperative Extension, Yolo County
70 Cottonwood Street
Woodland, CA 95695
(916) 666-8143

Federal Register

- 1) Importation of Ostriches and Other Ratites.
The USDA Animal and Plant Health Inspection Service (APHIS) is prohibiting, until further notice, the importation into the United States of flightless birds known as ratites (cassowaries, emus, ostriches, and rheas). This action is to prevent the introduction of ectoparasites, and several diseases, including those of an exotic and highly morbid nature. The effective date was August 15, 1989. Consideration will be given only to comments received on or before October 20, 1989. Refer to Docket NO. 89-123. Comments should include the original copy plus three copies and to be sent to:

Chief, Regulatory Analysis and Development
Federal Center Building, PPD, APHIS, USDA, Room 866
6505 Belcrest Road
Hyattsville, MD 20782

For further information, contact:

Mr. Wade H. Ritchie, Senior Staff Microbiologist
Import-Export Animals Staff, VS-APHIS
USDA, Room 766
6505 Belcrest Road
Hyattsville, MD 20782
(301) 436-8590

Source: Federal Register, Vol. 54, No.160, Monday, August 21, 1989, pages 34485-34487.

- 2) NOTE!!! There is a rumor that there were a number of comments opposing the establishment of separate breeding colonies for pet type birds on islands near the United States, which would escape the quarantine requirement for imported birds. Even though only a few comments were received in favor of this arrangement (apparently with a vested interest in the

Federal Register
(Continued)

project), and many opposing it on the grounds of potential disease transfer to commercial poultry industries, the project may be approved by APHIS.

- 3) National Poultry Improvement Plan (NPIP) Changes.
The NPIP is expanding the plan to include a new "U.S. Sanitation Monitored, Turkey Program" for reducing Salmonella levels in turkey flocks and products. They are also amending certain provisions of Parts 145 and 147 in order to increase the effectiveness of the Plan's monitoring and testing procedures. The effective date is July 5, 1989. For further information, contact:

Dr. I.L. Peterson, Sheep Goat Equine and Poultry Diseases Staff
USDA/APHIS/VS Room 771
Federal Center Building
6505 Belcrest Rd
Hyattsville, MD 20782
(301) 436-5777

Source: Federal Register, Vol. 54, No. 106, Monday, June 5, 1989, pages 23953-23958.

- 4) Increase in Fees and Charges for AMS Services
Effective June 1, 1989 the Agricultural Marketing Service (AMS) has revised the charges for federal voluntary egg products inspection; voluntary egg, poultry, and rabbit grading; and laboratory services. For further information, contact:

Janice L. Lockard
AMS Standardization Branch
Room 3944 South Building
Washington, DC 20250
(202) 447-3506

Source: Federal Register, Vol. 54, No. 99, Wednesday, May 24, 1989, pages 22409-22411.

Federal Register
(Continued)

5) Export of Enrofloxacin Solution

The Food and Drug Administration is announcing the Mobay Corp. has filed an application requesting approval for the export of the animal drug enrofloxacin solution (turkey egg dip concentrate) to Canada. For further information, contact:

Beverly E. Bartolomeo
Center for Veterinary Medicine (HFV-142)
Food and Drug Administration
5600 Fishers Lane
Rockville, MD 20857
(301) 443-2855

Source: Federal Register, Vol. 54, No. 102, Tuesday, May 30, 1989, page 22954

6) Poultry Regulations and Policy Statements.

In a final rule, effective May 24, 1989, the Packers and Stockyards Administration (PSA) USDA revised regulations relative to poultry to conform to the Poultry Producers Financial Protection Act of 1987. These revisions add live poultry dealers to existing and payment and accounting, reporting and trust notification regulations. The regulation dealing with time of weighing live poultry is also clarified and revised. For more information, contact:

Kenneth Stricklin, Director,
Packers and Stockyards Administration
Department of Agriculture, Room 3422, South Building
Washington, DC 20250-2800
(202) 447-7363

Source: Federal Register, Vol. 54, No. 77, Monday, April 24, 1989, pages 16353-16357

7) Food Labeling--Notice of Hearings.

The FDA has announced a series of four public hearings on food labeling. The dates and locations are 10/16/89--Chicago; 11/1/89--San Antonio; 12/7/89--Seattle; 12/13/89--Atlanta. For more information, contact:

F. Edward Scarbrough
Center for Food Safety and Applied Nutrition (HFF-200)
FDA
200 C Street S.W.
Washington, DC 20204
(202) 245-1561

Source: Federal Register, Vol. 54, No. 103, Wednesday, May 31, 1989, pages 23208-23209.

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- 8) NADA Salinomycin, Chlorotetracycline, and Roxarsone.
The FDA has approved a new animal drug application (NADA) filed by American Cyanamid Co. providing for the use of previously approved salinomycin, chlorotetracycline, and roxarsone Type A medicated articles to make Type C medicated feeds for broilers. The feed is used in the prevention of coccidiosis and an aid in the reduction of mortality. The effective date is June 12, 1989. For more information, contact:
- Dianne T. McRae
Center for Veterinary Medicine (HFV-135)
FDA
5600 Fishers Lane
Rockville, MD 20857
(301) 443-4913
- Source: Federal Register, Vol. 54, No. 111, Monday, June 12, 1989, page 24901.
- 9) NADA for Maduramicin Ammonium with Chlorotetracycline,
The FDA has approved a NADA filed by American Cyanamid Co. for the use of currently approved maduramicin ammonium 1% Type A medicated articles and chlorotetracycline 50 grams per pound granular Type A articles to make combination drug Type C medicated feeds. The feeds are for the prevention of coccidiosis and to reduce mortality due to Escherichia Coli in broilers. The effective date is June 26, 1989. For more information, contact:
- Dianne T. McRae, as listed in number 8.
- Source: Federal Register, Vol. 54, No. 121, Monday, June 26, 1989, page 26732.
- 10) NADA Salinomycin and Chlorotetracycline.
The FDA has approved the NADA filed by American Cyanamid providing for the use of salinomycin and chlorotetracycline Type A medicated articles to make Type C medicated feeds for broilers. The effective date is June 13, 1989. For further information, contact:
- Dianne T. McRae, as listed in number 8.
- Source: Federal Register, Vol. 54, No. 112, Tuesday, June 13, 1989, pages 25115-25116.
- 11) NADA for Halofuginone.
The FDA has approved a NADA filed by Hoechst-Roussel Agri-Vet Co. for the use of Type A medicated articles containing halofuginone hydrobromide in making Type C medicated Turkey feeds for the prevention of coccidiosis. The regulations also establish a tolerance in broilers and turkeys of 0.1 ppm for

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parent halofuginone hydrobromide in liver. The safe concentrations for total residues of halofuginone hydrobromide in the uncooked edible tissues of broilers and turkeys are 0.1 ppm in muscle, 0.3 ppm in liver, and 0.2 ppm in skin with adhering fat. As used in this section, "tolerance" refers to a concentration of a marker residue in the target tissues selected to monitor for total residues of the drug in the target animal and "safe concentrations" refers to the concentrations of total residues considered safe in edible tissues. The effective date is July 5, 1989. For more information, contact: Dianne T. McRae, as listed in number 8.

Source: Federal Register, Vol. 54, No. 127, Wednesday July 5, 1989, pages 28051-28053.

12) NADA for Narasin, Roxarsone, and Bacitracin Methylene Disalicylate

The FDA has approved a NADA filed by A. L. Laboratories Inc. for using separately approved Type A medicated articles containing narasin, roxarsone, and bacitracin methylene disalicylate to make a combination Type C medicated feed for the prevention of coccidiosis for increased rate of weight gain and for improved feed efficiency in broilers. The effective date is July 12, 1989. For more information, contact:

Malcom C. Thomas
Center for Veterinary Medicine (HFV-128)
Food and Drug Administration
5600 Fishers Lane
Rockville, MD 20857
(301) 443-4317

Source: Federal Register, Vol. 54, No 132, Wednesday July 12, 1989, page 29335.

13) Importation of Eggs Other Than Hatching Eggs

The APHIS in a final rule effective July 31, 1989, has affirmed an interim rule that established restrictions on the importation of eggs from all countries where *Salmonella enteritidis* phage-type 4 is considered to exist. For further information, contact:

Dr. Richard Bowen, Senior Staff Veterinarian
Import-Export Products Staff, VS, APHIS
USDA, Federal Center Building, Room 757
6505 Belcrest Road
Hyattsville, MD 20782
(301) 436-7834

Source: Federal Register, Vol. 54, No. 145, Monday, July 31, 1989, pages 31504-31505.

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14) Eggnog Deviating from Identity Standard

The FDA is announcing that a temporary permit has been issued to H. P. Hood, Inc. to market test a product designated as "light eggnog". The permit is effective for 15 months, beginning on the date the food is introduced but no later than November 15, 1989. For further information, contact:

Howard A. Anderson
Center for Food Safety and Applied Nutrition (HFF-414)
Food and Drug Administration
200 C street, S.W.
Washington, DC 20204
(202) 485-0119

Source: Federal Register, Vol. 54 No. 166, Tuesday, August 26, 1989, pages 35725-35726

15) NADA for man Ammonium with Bacitracin Methylene Disalicylate

In a final rule effective August 9, 1989, the FDA approved a NADA filed by American Cyanamid Co. for use of maduramicin ammonium 1% Type A medicated articles and bacitracin methylene disalicylate 25, 40, or 50 grams per pound Type A articles to make combination drug Type C medicated feeds. The feeds are for the prevention of coccidiosis and for increased rate of weight gain and improved feed efficiency in broilers. For more information, contact:

James F. McCormick
Center for Veterinary Medicine (HFV-128)
Food and Drug Administration
5600 Fishers Lane
Rockville, MD 20857
(301) 443-4317

Source: Federal Register, Vol. 54, No 152, Wednesday, August 9, 1989, pages 32634-32635.

16) NADA for Maduramicin Ammonium with Roxarsone

In a final rule, effective August 17, 1989, the FDA approved a NADA filed by American Cyanimid Co. for the use of maduramicin ammonium 1% Type A articles and roxarsone 10, 20, 50 or 80% Type A articles to make combination drug Type C broiler feeds. The feeds are for the prevention of coccidiosis and for increased rate of weight gain and for improved feed efficiency. For more information, contact: James McCormick as listed in number 15

Source: Federal Center, Vol. 54, No. 158, Thursday August 17, 1989, pages 33884-33885.

17) NADA Lincomycin and Salinomycin

In a final rule effective May 22, 1989, the FDA approved a NADA filed by A. H. Robins Co. for use of lincomycin and salinomycin Type C medicated feed for broilers. The feed is

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indicated for use for the prevention of coccidiosis and for improved feed efficiency. For more information, contact:

Lonnie W. Luther
Center for Veterinary Medicine (HFV-128)
Food and Drug Administration
5600 Fishers Lane
Rockville, MD 20857
(301) 443-4317

Source: Federal Register, Vol. 54, No 97, Monday, May 22, 1989, pages 21939-21940.

Positions Available

1) North Carolina.

The Poultry Science Department has announced that a (90%) Extension (10%) Research position will become available on October 16. The position will be to develop and conduct an extension program for the commercial egg industry in North Carolina. Deadline for application is December 15, 1989. For more information, contact Gerald B. Havenstein, Head, Department of Poultry Science, P.O. Box 7608, North Carolina State University, Raleigh, NC 27695-7608; (919) 737-2626.

2) Wisconsin.

A (75%) research and (25%) teaching position is available in the Poultry Science Department at the University of Wisconsin-Madison. The research emphasis will be on poultry nutrition, with teaching in several possible areas. Deadline for applications was September 30, or until a suitable candidate is identified.

Georgia

The Extension Poultry Science Department has announced an opening for a (100%) Extension position to primarily in the area of turkey management, and will include some youth work. Application material must be received no later than November 1, 1989. Refer to position #5137. For more information, contact:

John Casey, Head, Extension Poultry Science Department
4 Towers Building
The University of Georgia
Athens, GA 30602.
(404) 542-1325

4) Ohio.

The position of Chairperson and Professor at the Department of Poultry Science, College of Agriculture at the Ohio State University is currently available. Nominations and applications will be accepted until November 15, or until a suitable applicant is identified. Nominations and inquiries can be directed to Chairperson of the Search committee.

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Positions
(Continued)

Dr. Karl E. Nestor, Department of Poultry Science
The Ohio State University
Ohio Agricultural Research and Development Center
Wooster, OH 44691
(216) 263-3757



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Enclosures

